

A. O. Smith's Energy-Efficient Water Heaters for Environmentally Friendly Installations

About LEED

The Leadership in Energy and Environmental Design (LEED) Green Building Rating System™ is the nationally accepted benchmark for the design, construction and operation of high-performance energy-efficient buildings. LEED provides building owners and operators with the tools they need to have an immediate and measurable impact on the energy efficiency of their buildings. The U.S. Green Building council oversees and manages the LEED program.

There are no "LEED-certified" products. However, A. O. Smith water heaters—because of their energy-efficient technologies—can contribute to LEED certification of new residential construction projects.

LEED Categories for Rating Points

LEED has separate rating systems for new commercial construction, commercial interiors, commercial core and shell, existing commercial buildings and new residential home construction.

For each rating system, LEED issues credits or points in six categories:

- Sustainable Sites
- Water Efficiency
- Energy and Atmosphere
- Materials and Resources
- Indoor Environmental Quality
- Innovation and Design

LEED certification provides independent, third-party verification that a building project meets the highest energy-efficient building and performance measures.

Consult your local LEED professional for additional information.



PROMAX® Plus Residential Gas High Efficiency (Series 200/201)

MODEL NUMBER	PEAK DEMAND OUTPUT (1st Hour Rating Gallons)	ENERGY FACTOR	GALLON CAPACITY	BTU INPUT PER HOUR NATURAL	RECOVERY 90°F RISE GALLONS	FOAM THICKNESS (INCHES)	DIMENSIONS IN INCHES		DAFT HOOD OUTLET	APPROX. SHIPPING WEIGHT (LBS)	LEED POINTS PROJECT CONTRIBUTION
							HEIGHT	DIAMETER			
TALL MODEL											
GVR-40	70	0.62	40	40,000	41	2	61-3/4	20	3 or 4	150	1
GVR-50	88	0.62	40	40,000	41	2	61	22	3 or 4	165	1
SHORT MODEL											
GVRL-40	67	0.62	40	40,000	41	2	51-1/2	22	3 or 4	147	1

• Water Connections – 3/4" male NPT on all models • Green Choice™ Eco-Friendly Gas Burner • 6-year limited tank and parts warranty

ON-DEMAND Residential Gas Water Heaters

MODEL NUMBER	ENERGY FACTOR	BTU INPUT (NATURAL) MAXIMUM	HOT WATER OUTPUT (GPM)			APPROX. SHIPPING WEIGHT (LBS)	LEED POINTS PROJECT CONTRIBUTION
			MAX	45°F RISE	77°F RISE		
ATI/O-305N	0.81	199,000	5.3	5.3	4.2	50	2
ATI/O-505N	0.82	199,000	8.5	7.4	4.2	50	2

ATI-Indoor Model, ATO-Outdoor Model
For propane change N to P in model number, i.e. ATI-305P

Note: Consult your local LEED project specialist for additional information.



PROMAX® High-Efficiency Residential Electric Water Heaters

MODEL NUMBER	PEAK DEMAND OUTPUT (1st Hour Rating Gallons)	ENERGY FACTOR	GALLON CAPACITY	ELEMENT WATTAGE 240 VAC		RECOVERY 90°F RISE	R VALUE	DIMENSIONS IN INCHES		APPROX. SHIPPING WEIGHT (LBS)	LEED POINTS PROJECT CONTRIBUTION
				STANDARD	MAXIMUM			HEIGHT	DIAMETER		
TALL MODELS											
ECRT-40	52	.93	40	4500	6000	21	20	60	19	120	1
ECRT-52	60	.93	50	4500	6000	21	20	56-1/2	21-1/2	135	1
ECRT-66	73	.92	66	4500	6000	21	20	61	23	180	1
ECRT-80	87	.93	80	4500	6000	21	20	61-1/2	25	210	1
SHORT MODEL											
ECRS-50	62	.93	50	4500	6000	21	20	49	23	155	1

• Water Connections – 3/4" male NPT on all models • *Models not available with top-mounted T&P Valve • 6-year limited tank and parts warranty

CONSERVATIONIST® Residential Electric Water Heaters

MODEL NUMBER	PEAK DEMAND OUTPUT (1st Hour Rating Gallons)	ENERGY FACTOR	GALLON CAPACITY	ELEMENT WATTAGE 240 VAC		RECOVERY 90°F RISE	R VALUE	DIMENSIONS IN INCHES		APPROX. SHIPPING WEIGHT (LBS)	LEED POINTS PROJECT CONTRIBUTION
				STANDARD	MAXIMUM			HEIGHT	DIAMETER		
TALL MODELS											
PXHT-40	56	.95	40	4500	5500	21	24	60-1/2	20	125	1
PXHT-52	60	.95	50	4500	5500	21	24	57	22-1/2	140	1
PXHT-66	72	.95	66	4500	5500	21	24	62	24	185	1
PXHT-80	81	.95	80	4500	5500	21	24	62	26	225	1
SHORT MODELS											
PXHS-40	52	.95	40	4500	5500	21	24	47	22-1/2	125	1
PXHS-50	62	.95	50	4500	5500	21	24	50	24	155	1

• Water Connections – 3/4" male NPT on all models • Top-mount T&P Valve not available • 10-year limited tank and parts warranty

PROMAX® Residential Power-Vent Gas Water Heaters

MODEL NUMBER	PEAK DEMAND OUTPUT (1st Hour Rating Gallons)	ENERGY FACTOR	GAL. CAP.	BTU INPUT PER HOUR NATURAL	RECOVERY 90°F RISE GALLONS	R VALUE	DIMENSIONS IN INCHES		PVC VENT OPTIONS (INCHES)	APPROX. SHIPPING WEIGHT (LBS)	LEED POINTS PROJECT CONTRIBUTION
							HEIGHT	DIAMETER			
GPVH-40	69	.65	40	40,000	44	8	63	18-1/2	2, 3 or 4	157	1
GPVH-50	83	.65	50	40,000	44	8	65	20	2, 3 or 4	177	1
GPVR-40	70	.67	40	40,000	44	16	63	20-1/2	2, 3 or 4	166	1
GPVR-50	83	.67	50	40,000	44	16	65	22	2, 3 or 4	186	1
GPVT-40	80	.65	40	50,000	53	16	63	20-1/2	2, 3 or 4	166	1
GPVT-50	83	.65	50	50,000	53	16	65	22	2, 3 or 4	186	1
GPVX-50	114	.65	50	62,500	66	16	65	22	2, 3 or 4	186	1

• Water Connections – 3/4" male NPT on all models • Green Choice™ Eco-Friendly Gas Burner

CONSERVATIONIST® Residential Gas Water Heaters (SERIES 200/201)

MODEL NUMBER	PEAK DEMAND OUTPUT (1st Hour Rating Gallons)	ENERGY FACTOR	GAL. CAP.	BTU INPUT PER HOUR NATURAL	RECOVERY 90°F RISE GALLONS	FOAM THICKNESS (INCHES)	DIMENSIONS IN INCHES		DRAFT HOOD OUTLET	APPROX. SHIPPING WEIGHT (LBS)	LEED POINTS PROJECT CONTRIBUTION
							HEIGHT	DIAMETER			
TALL MODELS											
XGV-40	70	.63	40	40,000	41	2	61-3/4	20	3 or 4	166	1
XGV-50	88	.62	50	40,000	41	2	61	22	3 or 4	195	1

• Water Connections - 3/4" male NPT on all models • Green Choice™ Eco-Friendly Gas Burner • 10-year limited tank and parts warranty

For Technical Information and Automated Fax Service, call 800-527-1953. A.O. Smith Corporation reserves the right to make product changes or improvements without prior notice.

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Page 2 of 2

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